47 Van Buren Ave.
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7/15/84

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Dear Bob:

I am submitting the following programs to you for publication in the Arcadian if you think they're suitable. I'm just a beginner at this, so this first one is just a simple modification of the "Phaser Phun" program by Dick Ainsworth, as found in the #6004 BASIC programming manual, page 72.

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1.   .PHASER PHUN
2.   .BY DICK AINSWORTH
3.   .MODIFIED BY
4.   .LANCE A. BRISEE
5.   .1/84
6.   T=Ø; L=Ø; B=Ø; M=3
10.  X=rnd(6Ø)-31
20.  Y=rnd(20)
30.  clear
40.  X=X+rnd(7)-4
50.  Y=Y+rnd(7)-4
60.  box X,Y,1,3,3; box X,Y,3,1,3
70.  K=KN(1)
80.  box K,-Ø,3,4,1; box K,-36,1,4,1
90.  if TR(1)=Ø goto 3Ø
99.  if TR(1)L=L+1
100. N=1
110. if K>X-3 if K<X+3 N=1Ø; T=T+1
112. if N=1Ø gosub 25Ø
120. for A=1 to N
130. box K,Ø,1,69,3
140. MU="4"
160. next A
170. BC=7; FC=Ø
180. if N=1Ø gosub 26Ø
185. NT=3
188. if L>99 goto 27Ø
190. goto 1Ø
250. FC=7; BC=Ø; return
260. print "_YOUR_SCORE:", #M, T; NT=4; print "_OUT_OF", L;
     print "_SHOTS__FIRED!__"; return
270. clear; print "THIS_GAME_IS_OVER,_THIS_GAME_IS_OVER!_IF_
     YOU_TOPLAY_AGAIN,_PLEASE_INSERT_ANOTHER_$.25!
280. print "FINAL_SCORE:", T; print "OUT_OF", L
282. print "YOUR_RANK:
283. if T<21 print "DON'T_GIVE_UP_YOUR_DAY_JOB
284. if T>2Ø if T<41 print "BEANSHOOTER
285. if T>4Ø if T<61 print "AMATEUR
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286. if T>6Ø if T<81 print "SHARPSHOOTER
287. if T>8Ø print "SUPERFANTASTICOLOSSALMAGNAGREAT!!!
288. if T>B_B=T
289. print "HIGH_SCORE_TODAY", B
290. print "PULL_TRIGGER_TO_TRY_AGAIN!
300. if TR(1) goto 8
301. if TR(1)=Ø goto 3ØØ
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The computer moves the target. KN(1) moves the phaser base left or right and the trigger fires it off.

The second program is also a modification, of the "Side-swipe" program found in the #6004 BASIC manual, page 89, by Mike Peace.

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1.   .SIDESWIPE
2.   .BY MIKE PEACE
3.   .MODIFIED BY
4.   .LANCE A. BRISEE
5.   .2/84
10.  &(22)=Ø; &(16)=72; SM=Ø
20.  BC=1Ø; FC=191; &(2Ø)=9; goto 5Ø
30.  &(18)=9; for N=2ØØ to Ø step -1Ø; &(21)=N; &(22)=N; &(23)
     =N; next N; S=S+1Ø; print "COLLISION!"; return
40.  for N=4Ø to 25; &(22)=255; &(18)=N; next N; &(22)=Ø;
     print "SIDESWIPED!"; S=S+3; return
50.  clear; NT=-1; for A=-9 to Ø; CX=Ø; print "."; next A;
     C=Ø; S=Ø
60.  box -13,Ø,3,88,1; box 13,Ø,3,88,1
70.  print "_ _ _ _ _START_ _ _ _ _ _ _COURSE"; for T=1 to 1ØØ;
     B=B+1
71.  if C>A+24_C=A-4
72.  if C<A-24_C=A+4
73.  if TR(1) run
75.  W=W+1; if W>1Ø goto 42Ø
80.  R=rnd(15); if R>13_Q=-rnd(2)
85.  Z=A+rnd(22)-11
90.  if E>5 goto 41Ø
100. if A<-36_Q=2
110. if A>36_Q=-2; CX=-72
120. if A<-2_CX=A+17
130. CX=A; print "."; A=A+Q
140. box A-13,-32,3,8,1; box A+13,-32,3,8,1; if A>36_Q=-32;
     CX=-72
150. if A<-2_CX=A+17
160. if A<-36_Q=2
165. box C,4Ø,3,7,2; box C,39,7,2,2; box C,42,7,2,2
170. C=C+KN(1)÷25
180. &(18)=13Ø+ABS(C); &(22)=15Ø
190. box C,32,3,7,1; box C,31,7,2,1; box C,34,7,2,1; box C,
     32,1,1,2
200. if PX(C,27) gosub 3Ø; goto 22Ø
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210. if PX(C+3,32)+PX(C-3,32) gosub 4Ø
220. next T; clear; V=1ØØ-S; CX=-4Ø; CY=4Ø; print "FINAL_
     SCORE:"; print #12, V
230. &(22)=Ø; if H<V H=V
240. CX=-42; print "TODAY'S_HIGH_SCORE:_",ØØ,H
241. CX=-6Ø; print "YOU_SHOULD_BE_DRIVING
242. if V<11 print "_IN_YOUR_LIVING_ROOM_ONLY!
243. if V>1Ø if V<21 CX=-57; print "WITH_YOUR_EYES_OPEN!
244. if V>2Ø if V<31 print "_ _ _IN_A_DEMOLITION_DERBY
245. if V>3Ø if V<41 CX=-36; print "A_WHEELCHAIR
246. if V>4Ø if V<51 CX=-26; print "A_HORSE
247. if V>5Ø if V<61 CX=-2Ø; print "A_TANK
248. if V>6Ø if V<71 print "_ _ _WITH_TRAINING_WHEELS
249. if V>7Ø if V<81 CX=-4Ø; print "ON_THE_HIGHWAYS
250. if V>8Ø if V<91 CX=-43; print "AS_AN_INSTRUCTOR
251. if V>9Ø CX=-3Ø; print "A_RACING_CAR
253. CY=-3Ø; print "_PULL_TRIGGER_TO_TRY_AGAIN
255. if TR(1) run
260. goto 255
410. box Z,-32,3,7,1; box Z,-3Ø,7,2,1; box Z,-33,7,2,1; W=7;
     E=rnd(3); goto 1ØØ
420. box Z,-23,9,13,1; box Z,-3Ø,5,5,1; box Z,-36,3,1,1; box
     Z,-23,3,7,2; box Z,-23,7,3,2
422. W=rnd(3); E=E-2; goto 1ØØ
```

I am sending under separate cover a cassette with one of these programs recorded on each side.

Sincerely,

Lance A. Brisee

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cc
ume/LAB